

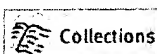
L Number	Hits	Search Text	DB	Time stamp
7	2	5761648.pn.	USPAT; US-PGPUB; EPO; JPO; DERWENT	2002/09/23 09:14
-	2	((generat\$ or make) near5 ((electronic or digital) adj certificate)) same (transmit\$ and print\$)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2002/09/01 11:00
-	119	((generat\$ or make) near5 ((electronic or digital) adj certificate))	USPAT; US-PGPUB; EPO; JPO; DERWENT	2002/07/31 15:18
-	32	((((generat\$ or make) near5 ((electronic or digital) adj certificate)) ) and print and transmit	USPAT; US-PGPUB; EPO; JPO; DERWENT	2002/07/31 15:42
-	102	(electronic near5 distribution) same (ticket or credit-card or receipt)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2002/07/31 15:45
-	28	((electronic near5 distribution) same (ticket or credit-card or receipt)) and printer	USPAT; US-PGPUB; EPO; JPO; DERWENT	2002/07/31 15:46
-	2	((((electronic near5 distribution) same (ticket or credit-card or receipt)) and printer) and certificate	USPAT; US-PGPUB; EPO; JPO; DERWENT	2002/07/31 15:46
-	6	5848426.URPN.	USPAT; US-PGPUB; EPO; JPO; DERWENT	2002/07/31 15:48
-	6	5848426.URPN.	USPAT; US-PGPUB; EPO; JPO; DERWENT	2002/07/31 15:48
-	6	5848426.URPN.	USPAT; US-PGPUB; EPO; JPO; DERWENT	2002/07/31 15:55
-	6	5848426.URPN.	USPAT; US-PGPUB; EPO; JPO; DERWENT	2002/07/31 15:55
-	2	6226618.pn.	USPAT; US-PGPUB; EPO; JPO; DERWENT	2002/08/30 18:31
-	5	6226618.URPN.	USPAT	2002/08/30 18:32
-	5	6226618.URPN.	USPAT	2002/08/30 18:32
-	17	("5204969"   "5557724"   "5572442"   "5699089"   "5774664"   "5822537"   "5826102"   "5918213"   "5922047"   "5928330"   "5963916"   "6012086"   "6151634"   "6161114"   "6161142"   "6166735"   "6226618").PN.	USPAT	2002/08/30 18:33
-	17	("5204969"   "5557724"   "5572442"   "5699089"   "5774664"   "5822537"   "5826102"   "5918213"   "5922047"   "5928330"   "5963916"   "6012086"   "6151634"   "6161114"   "6161142"   "6166735"   "6226618").PN.	USPAT	2002/08/30 18:33
-	0	(content near10 provider\$) same ((transmit\$ near printer\$) and (stamp or ticket or receipt or label))	USPAT; US-PGPUB; EPO; JPO; DERWENT	2002/09/01 11:07

-	0	(content near2 provider\$) same ((transmit\$ near5 printer\$) and (stamp or ticket or receipt or label and (Internet or online)))	USPAT; US-PGPUB; EPO; JPO; DERWENT	2002/09/01 11:10
-	1394	(print\$ near5 (tickets or logos or labels or stamps)) same (Internet or network or communication or satellite or wirekless)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2002/09/01 11:17
-	1436	(print\$ near5 (tickets or logos or labels or stamps)) same (Internet or network or communication or satellite or wireless)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2002/09/01 11:23
-	16	((print\$ near5 (tickets or logos or labels or stamps)) same (Internet or network or communication or satellite or wireless)) and (printer near2 identification)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2002/09/01 11:23
-	6	(printing near1 devices) and (remote near2 provider)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2002/09/01 15:55
-	21	remote near2 (print near1 device)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2002/09/01 16:00
-	330	(network near5 printing) same devices	USPAT; US-PGPUB; EPO; JPO; DERWENT	2002/09/01 16:13
-	1521	printing same (credit adj cards or debit adj cards)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2002/09/01 16:13
-	227	printing near2 (credit adj cards or debit adj cards)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2002/09/01 16:13
-	4	(printing near1 devices) near2 (credit adj cards or debit adj cards)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2002/09/01 16:16
-	0	printing near2 ((debit or credit near1 cards) same online)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2002/09/01 16:17
-	4	(printing near2 (debit or credit near1 cards)) same (Internet or network)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2002/09/01 16:18
-	5	(credit adj card near printing) and (Internet or WWW)	USPAT; US-PGPUB; EPO; JPO; DERWENT	2002/09/01 16:19
-	99	credit adj card near printing	USPAT; US-PGPUB; EPO; JPO; DERWENT	2002/09/01 16:21
-	16	(credit adj card near printing) and remote	USPAT; US-PGPUB; EPO; JPO; DERWENT	2002/09/01 16:21
-	2	5566278.pn.	USPAT; US-PGPUB; EPO; JPO; DERWENT	2002/09/22 14:38

-	2	4083503.pn.	USPAT; US-PGPUB; EPO; JPO; DERWENT	2002/09/22 14:38
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The European VSAT market: trends and developments

- [Haines, P.](#)

EUTELSAT, Paris, France

*This paper appears in:* VSAT's in Europe - the Talking is Over, IEE Colloquium on

On page(s): 2/1 - 2/6

London, UK

1995

Number of Pages: 40

References Cited: 0

INSPEC Accession Number: 5005109

## Abstract:

EUTELSAT recognised that for the telecommunications applications of the eighties and nineties, a system offering direct user-to-user access would be required. The EUTELSAT Satellite Multiservices System (EUTELSAT SMS) was therefore developed to support a range of digital telecommunications services, including point-to-point, point-to-multipoint, and VSAT networks. more than 320 full-time SMS networks are in operation, ranging from simple point-to-point links to fully-interactive hubbed or meshed VSAT networks. Antenna sizes range from 50 cm to more than 10 m, and data rates from 9.6 kbit/s to more than 2 Mbit/s. Applications span a range of business sectors, including videoconferencing, telephony, remote printing, financial data distribution, computer-to-computer interconnection, and digital video/audio distribution.

## Index Terms:

[European VSAT market](#) [telecommunications applications](#) [direct user-to-user acces](#) [Satellite Multiservices System](#) [EUTELSAT SMS](#) [digital telecommunications services](#) [point-to-point networks](#) [point-to-multipoint networks](#) [VSAT networks](#) [business sectors](#) [videoconferencing](#) [telephony](#) [remote printing](#) [financial data distribution](#) [computer-to-computer interconnection](#) [digital video/audio distribution](#) [9 kbit/s to 2 Mbit/s](#) [50 cm to 10 m](#) [business communication](#) [digital radio](#) [VSAT networks](#)

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